



## DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

CERTIFIED MAIL

-RETURN RECEIPT REQUEST

File No.: LA0122114

AI No.: 40130

Activity No.: PER20060001

Mr. Scott Hinton  
INO Therapeutics, INC  
1060 Allendale Drive  
Port Allen, LA 70767

RE: Draft Louisiana Pollutant Discharge Elimination System (LPDES) permit to discharge Nitric Oxide cylinder washwater and industrial stormwater via pipe to local drainage thence into the Intracoastal Waterway from an existing nitric oxide manufacturing facility located at 1060 Allendale Drive in Port Allen, West Baton Rouge Parish.

Dear Mr. Hinton:

The Department of Environmental Quality proposes to issue an LPDES permit with the effluent limitations, monitoring requirements, and special conditions listed in the attached DRAFT PERMIT. Please note that this is a DRAFT PERMIT only and as such does not grant any authorization to discharge. Authorization to discharge in accordance with this permitting action will only be granted after all requirements described herein are satisfied and by the subsequent issuance of a FINAL PERMIT. Upon the effective date of the FINAL PERMIT, the FINAL PERMIT shall replace the previously effective State (LPDES) permit, LAR05N711.

Upon issuance of a final permit, monitoring results should be reported on a Discharge Monitoring Report (DMR) form per the schedule specified. Copies to be submitted to the regional office should be sent to the Capital Regional Office, Office of Environmental Compliance, P.O. Box 4312, Baton Rouge, LA 70821-4312.

This Office will publish the enclosed public notice one time in a local newspaper of general circulation and the Office of Environmental Services Public Notice Mailing List. In accordance with LAC 33:IX.6521.A, the applicant shall receive and is responsible for paying the invoice from the above mentioned newspaper. LAC 33:IX.2781.A states: "...The costs of publication shall be borne by the applicant."

The invoice, fee rating sheets, and a copy of the fee regulations will be sent under a separate cover letter as applicable. A copy of the entire Louisiana Water Quality Regulations may be obtained from the DEQ Office of Environmental Assessment, Post Office Box 4314, Baton Rouge, Louisiana 70821-4314, (225) 219-3236.

### ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

P:225-219-3181 F:225-219-3309

WWW.DEQ.LOUISIANA.GOV

Pursuant to LAC 33.IX.1309.I, LAC 33.IX.6509.A.1 and LAC 33.I.1701, you must pay any outstanding fees to the Department. Therefore, you are encouraged to verify your facility's fee status by contacting LDEQ's Office of Management and Finance, Financial Services Division (225) 219-3863 or accessing LDEQ's web site at [www.deq.louisiana.gov](http://www.deq.louisiana.gov). Failure to pay in the manner and time prescribed could result in applicable enforcement actions as prescribed in the Environmental Quality Act, including, but not limited to, revocation or suspension of the applicable permit and/or assessment of a civil penalty against you.

Please be advised that according to La. R.S. 48:385 any discharge to a highway ditch, cross ditch, or right-of-way shall require approval from the Louisiana Department of Transportation and Development, Post Office Box 94245, Baton Rouge, Louisiana 70804-9245, (225) 379-1301 and from the Department of Health and Hospitals, Office of Public Health, 6867 Bluebonnet Road, Box 7, Baton Rouge, Louisiana 70810, (225) 765-5038.

Please note that the State has renumbered the regulations in the Environmental Regulatory Code (ERC). A Renumbering Equivalency Chart for the references to the environmental regulations has been included in this package. The Facility Specific Requirements of this permit have several references to the ERC from an older edition. Therefore, please use the equivalency chart to find the new regulation numbers.

Should you have any questions concerning any part of the DRAFT PERMIT, public notice requirements, or fee, please contact Yvonne Baker, Office of Environmental Services, at the address on the preceding page, telephone (225) 219-3107. All future correspondence regarding this permit shall use the LPDES permit number, LA0122114, and the agency interest number, 40130.

Sincerely,



Jesse Chang, Environmental Scientist Manager  
Industrial Water Permits Section

ywb

Attachment(s) including dated public notice and statement of basis:

ec:

Cheryl LeJeune  
Water and Waste Permits Division

Permit Compliance Unit  
Office of Environmental Compliance

Chief Engineer  
Department of Transportation and  
Development

c:

Yvonne Baker  
Water and Waste Permits Division

Johnny Martin  
EcoScience Resource Group  
[jmartin@esrgroup.com](mailto:jmartin@esrgroup.com)

IO-W

Ms. Gayle Denino  
Office of Management & Finance

## Public Notice Scheduled for Publication

The notice associated with the following:

**Re: Request for Public Comment on a Draft Water Discharge Permit for  
INO Therapeutics, INC  
Agency Interest (AI) No. 40130, LA0122114, PER20060001**

is scheduled to publish in the following paper (s)

Newspaper(s)	Scheduled Publication Date*
West Side Journal, of Port Allen, LA	Thursday, June 8, 2006*

*In accordance with LAC 33:IX.6521.A, the applicant is responsible for payment of all costs of publication. Newspaper will bill applicant directly. Questions regarding publication or payment may be directed to:*

*DEQ Office of Environmental Services, Public Participation Group Staff:*

*Name: Calvin Fair*

*Phone: 225-219-3283*

*Email: [Calvin.Fair@LA.GOV](mailto:Calvin.Fair@LA.GOV)*

Comments:

**\*Actual date of publication is pending confirmation of publication by newspaper(s)**

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**INO THERAPEUTICS, INC**  
**DRAFT WATER DISCHARGE PERMIT**

The LDEQ, Office of Environmental Services, is accepting written comments on a draft Louisiana Pollutant Discharge Elimination System (LPDES) permit prepared for INO Therapeutics, INC, 1060 Allendale Drive, Port Allen, LA 70767. **The facility is located at 1060 Allendale Drive in Port Allen, West Baton Rouge Parish.** Upon the effective date of the final permit, the LPDES permit shall replace the previously issued State (LPDES) permit.

The principal discharge from this existing source is made into the Intracoastal Waterway via local drainage, waters of the state classified for primary contact recreation, secondary contact recreation, and propagation of fish and wildlife. Under the SIC Code 2834, the applicant proposes to discharge nitric oxide cylinder washwater and industrial stormwater from an existing nitric oxide manufacturing facility.

During the preparation of this permit, it has been determined that the discharge will have no adverse impact on the existing uses of the receiving waterbody. As with any discharge, however, some change in existing water quality may occur.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Thursday, July 13, 2006.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application, draft permit, and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays).

Inquiries or requests for additional information regarding this permit action should be directed to Yvonne Baker, LDEQ, Water & Waste Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3107.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at [maillistrequest@ldeq.org](mailto:maillistrequest@ldeq.org) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

**Permit public notices including electronic access to the draft permit and statement of basis** can be viewed at the LDEQ permits public notice webpage at [www.deq.state.la.us/news/PubNotice/](http://www.deq.state.la.us/news/PubNotice/) and general information related to the public participation in permitting activities can be viewed at [www.deq.louisiana.gov/portal/tabid/2198/Default.aspx](http://www.deq.louisiana.gov/portal/tabid/2198/Default.aspx).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at [http://www.state.la.us/ldbc/listservpage/ldeq\\_pn\\_listserv.htm](http://www.state.la.us/ldbc/listservpage/ldeq_pn_listserv.htm).

**All correspondence should specify AI Number 40130, Permit Number LA0122114, and Activity Number PER20060001.**

**Publication Date: June 8, 2006**

form\_7132\_r00  
01/17/06

## **GUIDANCE TO UNDERSTANDING THE NEW WATER PERMIT FORMAT**

### **Components of the Permit Report**

**General Information Sheet** - A summary of the facility information, such as facility address, latitude/longitude at front gate, facility contact and phone number, Source Classification Code (SCC), Standard Industrial Classification (SIC) and North American Industry Classification (NAICS) codes.

**Inventory Sheet** - Lists all subject items groups, and any relationships that may exist between subject items or subject item groups.

**Facility Specific Requirements (TPOR0128)** - All permit requirements placed on the Agency Interest (AI) and its Subject Items are stated by type. The five types of permit requirements are as follows: Limitation Requirement, Sample Type and Frequency, Recordkeeping Requirement, Narrative Requirement, and Submittal/Action Requirement.

These requirements are sorted by subject item first, next by parameter, and then by requirement type. Narrative and Submittal/Action requirements are at the end of each subject item.

All applicable narrative requirements for the entire Agency Interest (AI) appear in text form after the last subject item. The narrative requirements are stated in order by regulatory citation. Note: Some permit requirements associated by a common subject may be separated.

### **Definitions**

**Agency Interest (AI)** - Any entity that is being regulated or is of interest to LDEQ

**Agency Interest (AI) ID** - Numerical identifier of Agency Interest (AI)

**Activity Number** - Each action taken for an Agency Interest (AI). This identifier consists of a total of 11 characters, 3 letters represents the regulatory program followed by four digits representing the year the application was received by LDEQ, and four digits which are sequentially assigned. Example PER 19990001, this would identify the activity as the first permitting action taken for this Agency Interest (AI) in the year 1999.

**Category** - Broad terms used to define the Subject Item, such as Activity (ACT), Area (ARE), Equipment (EQT), Fugitives (FUG), Group (GRP), Release Point (RLP), and Treatment (TRT).

**Phases** - Periods during which the associated requirement applies to the particular parameter. *For Example*, if the permit contains a compliance schedule with interim limits, this column will state the phase in which the compliance schedule of the associated requirement is applicable.

**Statistical Basis (Stat.Basis)** - Calculation or direct measurement upon which the permit requirement is based.

**Subject Item (SI)** - Components or groups of components of an Agency Interest (AI), including the Agency Interest (AI) itself. Each Subject Item is defined by a category and a type. Note: The type does not appear in the Subject Item ID.

**Subject Item ID** - Identifier assigned sequentially to each Subject Item within an Agency Interest (AI). It is composed of three letters representing the category of the Subject Item and is followed by the sequentially assigned number. Example RLP 1.

**Which Months ?** - Denotes the months that have a particular parameter requirement. This is usually used for seasonal limitations.

## General Information Sheet

Agency Interest/Facility Name: INO Therapeutics Inc - Nitric Oxide Manufacturing Facility

Agency Interest/Facility ID: 40130

Permit Id: LA0122114

Also Known As: ID	Name	By/For	Dates
LAR000032318	Aga Gases Inc	Air Permitting	08/13/1999 - 02/01/2000
	Aga Gases Inc INO Therapeutics	Hazardous Waste Notification	09/30/1998
LAR05N711	LPDES Permit #	LPDES Permit #	12/22/2005
LA0122114	LPDES Permit #	LPDES Permit #	03/11/2006

Physical Location: 1060 Allendale Dr  
Port Allen, LA 70767

Mailing Address: 1060 Allendale Dr  
Port Allen, LA 70767

Location of Front Gate: 30° 26' 38" latitude, 91° 13' 13" longitude

Related People:	Name	Phone	Phone Type	Relationship
	Brandon LeGrange			Air Permit Contact For
	Rick Agee	(225)376-4362	Work phone number	Air Permit Contact For

Related Organizations:	Name	Phone	Phone Type	Relationship
	INO Therapeutics Inc	(225)376-4387	Work phone number	Air Billing Party for
		(225)376-4387	Work phone number	Owns

SIC Codes: 2834, Pharmaceutical preparations

Inventories

INO Therapeutics Inc - Nitric Oxide Manufacturing Facility

Agency Interest Number: 40130

Activity ID No: PER20060001

Permit Id : LA0122114

Subject Item Inventory:

ID	Description	Max. Operating Rate or Capacity	Operating Schedule
AI40130			(None Specified)
RLP1	Outfall 002 - Nitric Oxide washwater	(None Specified)	(None Specified)

Subject Item Groups:

Relationships:

Subject Item Inventory Alternate IDs:

ID	Description	Alternate ID	Alternate Name	User Group
RLP1	Outfall 002 - Nitric Oxide washwater	002	Nitric Oxide washwater	Water Permitting

**DRAFT**



PERMIT No.: LA0122114

AI No.: 40130

OFFICE OF ENVIRONMENTAL SERVICES

## Water Discharge Permit

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit is issued authorizing

INO Therapeutics, INC  
1060 Allendale Drive  
Port Allen, LA 70767

**Type Facility:** nitric oxide manufacturing facility

**Location:** 1060 Allendale Drive in Port Allen  
West Baton Rouge Parish

**Receiving Waters:** Intracoastal Waterway

to discharge in accordance with effluent limitations, monitoring requirements, and other conditions set forth in facility specific requirements, other conditions, and standard conditions attached hereto.

This permit shall become effective on \_\_\_\_\_

This permit and the authorization to discharge shall expire five (5) years from the effective date of the permit.

Issued on \_\_\_\_\_

\_\_\_\_\_  
Chuck Carr Brown, Ph.D.  
Assistant Secretary

**DRAFT**



**Subject Item: RLP 1 Outfall 002 - Nitric Oxide washwater****1,2-Dichlorobenzene**Daily maximumLimits

1,2-Dichlorobenzene &lt;= 0.15 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

1,2-Dichlorobenzene monitored by grab sampling once per discharge event (STORET 34536). [LAC 33:IX.2355.J]

All Year

ALL

Monthly averageLimits

1,2-Dichlorobenzene &lt;= 0.06 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

1,2-Dichlorobenzene monitored by grab sampling once per discharge event (STORET 34536). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

1,2-Dichlorobenzene recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**1,2-Dichloroethane**Daily maximumLimits

1,2-Dichloroethane &lt;= 0.4 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

1,2-Dichloroethane monitored by grab sampling once per discharge event (STORET 34531). [LAC 33:IX.2355.J]

All Year

ALL

Monthly averageLimits

1,2-Dichloroethane &lt;= 0.1 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

1,2-Dichloroethane monitored by grab sampling once per discharge event (STORET 34531). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

1,2-Dichloroethane recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**2-Methoxyethanol**Daily maximumLimits

2-Methoxyethanol &lt;= 100.0 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

2-Methoxyethanol monitored by grab sampling once per discharge event (STORET 49542). [LAC 33:IX.2355.J]

All Year

ALL

Monthly averageLimits

2-Methoxyethanol &lt;= 40.6 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

2-Methoxyethanol monitored by grab sampling once per discharge event (STORET 49542). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

2-Methoxyethanol recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide wastewater****Acetone**Daily maximumLimits

Acetone &lt;= 0.5 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

Acetone monitored by grab sampling once per discharge event (STORET 81552). [LAC 33:IX.2355.J]

All Year

ALL

Monthly averageLimits

Acetone &lt;= 0.2 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

Acetone monitored by grab sampling once per discharge event (STORET 81552). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Acetone recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Acetonitrile**Daily maximumLimits

Acetonitrile &lt;= 25.0 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

Acetonitrile monitored by grab sampling once per discharge event (STORET 73207). [LAC 33:IX.2355.J]

All Year

ALL

Monthly averageLimits

Acetonitrile &lt;= 10.2 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

Acetonitrile monitored by grab sampling once per discharge event (STORET 73207). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Acetonitrile recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Ammonia**Daily maximumLimits

Ammonia &lt;= 84.1 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

Ammonia monitored by grab sampling once per discharge event (STORET 61574). [LAC 33:IX.2355.J]

All Year

ALL

Monthly averageLimits

Ammonia &lt;= 29.4 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

Sample type and frequency

Ammonia monitored by grab sampling once per discharge event (STORET 61574). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Ammonia recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide washwater****Amyl alcohol**Daily maximum**Limits**

Amyl alcohol &lt;= 10.0 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Amyl alcohol monitored by grab sampling once per discharge event (STORET 51003). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Amyl alcohol &lt;= 4.1 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Amyl alcohol monitored by grab sampling once per discharge event (STORET 51003). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Amyl alcohol recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**BOD, 5-day (20 degrees C)**Daily maximum**Limits**

BOD, 5-day (20 degrees C) &lt;= 267 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

BOD, 5-day (20 degrees C) monitored by grab sampling once per discharge event (STORET 00318). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

BOD, 5-day (20 degrees C) &lt;= 111 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

BOD, 5-day (20 degrees C) monitored by grab sampling once per discharge event (STORET 00318). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

BOD, 5-day (20 degrees C) recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Benzene**Daily maximum**Limits**

Benzene &lt;= 0.05 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Benzene monitored by grab sampling once per discharge event (STORET 34030). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Benzene &lt;= 0.02 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Benzene monitored by grab sampling once per discharge event (STORET 34030). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Benzene recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide wastewater****Chemical Oxygen Demand (COD)**Daily maximum**Which Months****Phases****Limits**

Chemical Oxygen Demand (COD) &lt;= 1675 mg/l. [LAC 33:IX.2355.A]

All Year

ALL

**Sample type and frequency**

Chemical Oxygen Demand (COD) monitored by grab sampling once per discharge event (STORET 00340). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Which Months****Phases****Limits**

Chemical Oxygen Demand (COD) &lt;= 856 mg/l. [LAC 33:IX.2355.A]

All Year

ALL

**Sample type and frequency**

Chemical Oxygen Demand (COD) monitored by grab sampling once per discharge event (STORET 00340). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Chemical Oxygen Demand (COD) recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Chlorobenzene**Daily maximum**Which Months****Phases****Limits**

Chlorobenzene &lt;= 0.15 mg/l. [LAC 33:IX.2355.A]

All Year

ALL

**Sample type and frequency**

Chlorobenzene monitored by grab sampling once per discharge event (STORET 34301). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Which Months****Phases****Limits**

Chlorobenzene &lt;= 0.06 mg/l. [LAC 33:IX.2355.A]

All Year

ALL

**Sample type and frequency**

Chlorobenzene monitored by grab sampling once per discharge event (STORET 34301). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Chlorobenzene recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Chloroform**Daily maximum**Which Months****Phases****Limits**

Chloroform &lt;= 0.13 mg/l. [LAC 33:IX.2355.A]

All Year

ALL

**Sample type and frequency**

Chloroform monitored by grab sampling once per discharge event (STORET 32106). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Which Months****Phases****Limits**

Chloroform &lt;= 0.02 mg/l. [LAC 33:IX.2355.A]

All Year

ALL

**Sample type and frequency**

Chloroform monitored by grab sampling once per discharge event (STORET 32106). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Chloroform recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide washwater****Cyanide**Daily maximum**Limits**

Cyanide &lt;= 0.34 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Cyanide monitored by grab sampling once per discharge event (STORET 00720). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Cyanide &lt;= 0.14 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Cyanide monitored by grab sampling once per discharge event (STORET 00720). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Cyanide recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Diethyl amine**Daily maximum**Limits**

Diethyl amine &lt;= 250.0 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Diethyl amine monitored by grab sampling once per discharge event (STORET 77030). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Diethyl amine &lt;= 102.0 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Diethyl amine monitored by grab sampling once per discharge event (STORET 77030). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Diethyl amine recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Dimethyl sulfoxide**Daily maximum**Limits**

Dimethyl sulfoxide &lt;= 91.5 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Dimethyl sulfoxide monitored by grab sampling once per discharge event (STORET 77042). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Dimethyl sulfoxide &lt;= 37.5 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Dimethyl sulfoxide monitored by grab sampling once per discharge event (STORET 77042). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Dimethyl sulfoxide recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide wastewater****Ethanol**

<u>Daily maximum</u>	Which Months	Phases
<b>Limits</b>		
Ethanol <= 10.0 mg/l. [LAC 33:IX.2355.A]	All Year	ALL
<b>Sample type and frequency</b>		
Ethanol monitored by grab sampling once per discharge event (STORET 77004). [LAC 33:IX.2355.J]	All Year	ALL
<u>Monthly average</u>	Which Months	Phases
<b>Limits</b>		
Ethanol <= 4.1 mg/l. [LAC 33:IX.2355.A]	All Year	ALL
<b>Sample type and frequency</b>		
Ethanol monitored by grab sampling once per discharge event (STORET 77004). [LAC 33:IX.2355.J]	All Year	ALL
<b>Record-Keeping</b>		
Ethanol recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]		ALL

**Ethyl acetate**

<u>Daily maximum</u>	Which Months	Phases
<b>Limits</b>		
Ethyl acetate <= 1.3 mg/l. [LAC 33:IX.2355.A]	All Year	ALL
<b>Sample type and frequency</b>		
Ethyl acetate monitored by grab sampling once per discharge event (STORET 81585). [LAC 33:IX.2355.J]	All Year	ALL
<u>Monthly average</u>	Which Months	Phases
<b>Limits</b>		
Ethyl acetate <= 0.5 mg/l. [LAC 33:IX.2355.A]	All Year	ALL
<b>Sample type and frequency</b>		
Ethyl acetate monitored by grab sampling once per discharge event (STORET 81585). [LAC 33:IX.2355.J]	All Year	ALL
<b>Record-Keeping</b>		
Ethyl acetate recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]		ALL

**Flow, in conduit or through treatment plant**

<u>Daily maximum</u>	Which Months	Phases
<b>Sample type and frequency</b>		
Flow, in conduit or through treatment plant monitored by estimate once per discharge event (STORET 50050). [LAC 33:IX.2355.J]	<b>Report Only - gallons/day</b> All Year	ALL
<u>Monthly average</u>	Which Months	Phases
<b>Sample type and frequency</b>		
Flow, in conduit or through treatment plant monitored by estimate once per discharge event (STORET 50050). [LAC 33:IX.2355.J]	<b>Report Only - gallons/day</b> All Year	ALL
<b>Record-Keeping</b>		
Flow, in conduit or through treatment plant recordkeeping by manual logging once per discharge event. [LAC 33:IX.2355.J.2]		ALL

**Isobutyraldehyde**

<u>Daily maximum</u>	Which Months	Phases
<b>Limits</b>		
Isobutyraldehyde <= 1.2 mg/l. [LAC 33:IX.2355.A]	All Year	ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide washwater****Sample type and frequency**

Isobutyraldehyde monitored by grab sampling once per discharge event (STORET 51001). [LAC 33:IX.2355.J]

All Year ALL

**Monthly average****Limits**

Isobutyraldehyde &lt;= 0.5 mg/l. [LAC 33:IX.2355.A]

Which Months Phases

All Year ALL

**Sample type and frequency**

Isobutyraldehyde monitored by grab sampling once per discharge event (STORET 51001). [LAC 33:IX.2355.J]

All Year ALL

**Record-Keeping**

Isobutyraldehyde recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Isopropanol****Daily maximum****Limits**

Isopropanol &lt;= 3.9 mg/l. [LAC 33:IX.2355.A]

Which Months Phases

All Year ALL

**Sample type and frequency**

Isopropanol monitored by grab sampling once per discharge event (STORET 77015). [LAC 33:IX.2355.J]

All Year ALL

**Monthly average****Limits**

Isopropanol &lt;= 1.6 mg/l. [LAC 33:IX.2355.A]

Which Months Phases

All Year ALL

**Sample type and frequency**

Isopropanol monitored by grab sampling once per discharge event (STORET 77015). [LAC 33:IX.2355.J]

All Year ALL

**Record-Keeping**

Isopropanol recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Isopropyl acetate****Daily maximum****Limits**

Isopropyl acetate &lt;= 1.3 mg/l. [LAC 33:IX.2355.A]

Which Months Phases

All Year ALL

**Sample type and frequency**

Isopropyl acetate monitored by grab sampling once per discharge event (STORET 45013). [LAC 33:IX.2355.J]

All Year ALL

**Monthly average****Limits**

Isopropyl acetate &lt;= 0.5 mg/l. [LAC 33:IX.2355.A]

Which Months Phases

All Year ALL

**Sample type and frequency**

Isopropyl acetate monitored by grab sampling once per discharge event (STORET 45013). [LAC 33:IX.2355.J]

All Year ALL

**Record-Keeping**

Isopropyl acetate recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Isopropyl ether**

Which Months Phases

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide wastewater****Daily maximum****Limits**

Isopropyl ether &lt;= 8.4 mg/l. [LAC 33:IX.2355.A]

All Year

ALL

**Sample type and frequency**

Isopropyl ether monitored by grab sampling once per discharge event (STORET 77117). [LAC 33:IX.2355.J]

All Year

ALL

**Monthly average****Limits**

Isopropyl ether &lt;= 2.6 mg/l. [LAC 33:IX.2355.A]

All Year

ALL

**Sample type and frequency**

Isopropyl ether monitored by grab sampling once per discharge event (STORET 77117). [LAC 33:IX.2355.J]

All Year

ALL

**Record-Keeping**

Isopropyl ether recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Methanol****Daily maximum****Limits**

Methanol &lt;= 10.0 mg/l. [LAC 33:IX.2355.A]

Which Months

Phases

All Year

ALL

**Sample type and frequency**

Methanol monitored by grab sampling once per discharge event (STORET 77885). [LAC 33:IX.2355.J]

All Year

ALL

**Monthly average****Limits**

Methanol &lt;= 4.1 mg/l. [LAC 33:IX.2355.A]

Which Months

Phases

All Year

ALL

**Sample type and frequency**

Methanol monitored by grab sampling once per discharge event (STORET 77885). [LAC 33:IX.2355.J]

All Year

ALL

**Record-Keeping**

Methanol recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Methyl formate****Daily maximum****Limits**

Methyl formate &lt;= 1.3 mg/l. [LAC 33:IX.2355.A]

Which Months

Phases

All Year

ALL

**Sample type and frequency**

Methyl formate monitored by grab sampling once per discharge event (STORET 51000). [LAC 33:IX.2355.J]

All Year

ALL

**Monthly average****Limits**

Methyl formate &lt;= 0.5 mg/l. [LAC 33:IX.2355.A]

Which Months

Phases

All Year

ALL

**Sample type and frequency**

Methyl formate monitored by grab sampling once per discharge event (STORET 51000). [LAC 33:IX.2355.J]

All Year

ALL

**Record-Keeping**

Methyl formate recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL



**Subject Item: RLP 1 Outfall 002 - Nitric Oxide wastewater****Methyl isobutyl ketone**Daily maximum**Limits**

Methyl isobutyl ketone &lt;= 0.5 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Methyl isobutyl ketone monitored by grab sampling once per discharge event (STORET 81596). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Methyl isobutyl ketone &lt;= 0.2 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Methyl isobutyl ketone monitored by grab sampling once per discharge event (STORET 81596). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Methyl isobutyl ketone recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Methylene Chloride**Daily maximum**Limits**

Methylene Chloride &lt;= 0.9 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Methylene Chloride monitored by grab sampling once per discharge event (STORET 34423). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Methylene Chloride &lt;= 0.3 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Methylene Chloride monitored by grab sampling once per discharge event (STORET 34423). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Methylene Chloride recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Phenol**Daily maximum**Limits**

Phenol &lt;= 0.05 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Phenol monitored by grab sampling once per discharge event (STORET 34694). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Phenol &lt;= 0.02 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Phenol monitored by grab sampling once per discharge event (STORET 34694). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Phenol recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide wastewater****TSS (Total Suspended Solids)**Daily maximum**Limits**

TSS (Total Suspended Solids) &lt;= 472 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

TSS (Total Suspended Solids) monitored by grab sampling once per discharge event (STORET 00530). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

TSS (Total Suspended Solids) &lt;= 166 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

TSS (Total Suspended Solids) monitored by grab sampling once per discharge event (STORET 00530). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

TSS (Total Suspended Solids) recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Tetrahydrofuran**Daily maximum**Limits**

Tetrahydrofuran &lt;= 8.4 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Tetrahydrofuran monitored by grab sampling once per discharge event (STORET 81607). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Tetrahydrofuran &lt;= 2.6 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Tetrahydrofuran monitored by grab sampling once per discharge event (STORET 81607). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Tetrahydrofuran recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Toluene**Daily maximum**Limits**

Toluene &lt;= 0.06 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Toluene monitored by grab sampling once per discharge event (STORET 34010). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Toluene &lt;= 0.02 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Toluene monitored by grab sampling once per discharge event (STORET 34010). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Toluene recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide wastewater****Triethyl amine**Daily maximum**Limits**

Triethyl amine &lt;= 250.0 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Triethyl amine monitored by grab sampling once per discharge event (STORET 77111). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Triethyl amine &lt;= 102.0 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Triethyl amine monitored by grab sampling once per discharge event (STORET 77111). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Triethyl amine recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Xylene (mixed isomers)**Daily maximum**Limits**

Xylene (mixed isomers) &lt;= 0.03 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Xylene (mixed isomers) monitored by grab sampling once per batch during operation (STORET 73382). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

Xylene (mixed isomers) &lt;= 0.01 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

Xylene (mixed isomers) monitored by grab sampling once per discharge event (STORET 73382). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

Xylene (mixed isomers) recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**n-Amyl acetate**Daily maximum**Limits**

n-Amyl acetate &lt;= 1.3 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

n-Amyl acetate monitored by grab sampling once per discharge event (STORET 51002). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

n-Amyl acetate &lt;= 0.5 mg/l. [LAC 33:IX.2355.A]

**Which Months****Phases**

All Year

ALL

**Sample type and frequency**

n-Amyl acetate monitored by grab sampling once per discharge event (STORET 51002). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

n-Amyl acetate recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide washwater****n-Butyl acetate**Daily maximum**Limits**

n-Butyl acetate &lt;= 1.3 mg/l. [LAC 33:IX.2355.A]

**Which Months**

All Year

**Phases**

ALL

**Sample type and frequency**

n-Butyl acetate monitored by grab sampling once per discharge event (STORET 77189). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

n-Butyl acetate &lt;= 0.5 mg/l. [LAC 33:IX.2355.A]

**Which Months**

All Year

**Phases**

ALL

**Sample type and frequency**

n-Butyl acetate monitored by grab sampling once per discharge event (STORET 77189). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

n-Butyl acetate recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**n-Heptane**Daily maximum**Limits**

n-Heptane &lt;= 0.05 mg/l. [LAC 33:IX.2355.A]

**Which Months**

All Year

**Phases**

ALL

**Sample type and frequency**

n-Heptane monitored by grab sampling once per discharge event (STORET 79862). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

n-Heptane &lt;= 0.02 mg/l. [LAC 33:IX.2355.A]

**Which Months**

All Year

**Phases**

ALL

**Sample type and frequency**

n-Heptane monitored by grab sampling once per discharge event (STORET 79862). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

n-Heptane recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**n-Hexane**Daily maximum**Limits**

n-Hexane &lt;= 0.03 mg/l. [LAC 33:IX.2355.A]

**Which Months**

All Year

**Phases**

ALL

**Sample type and frequency**

n-Hexane monitored by grab sampling once per discharge event (STORET 51437). [LAC 33:IX.2355.J]

All Year

ALL

Monthly average**Limits**

n-Hexane &lt;= 0.02 mg/l. [LAC 33:IX.2355.A]

**Which Months**

All Year

**Phases**

ALL

**Sample type and frequency**

n-Hexane monitored by grab sampling once per discharge event (STORET 51437). [LAC 33:IX.2355.J]

All Year

ALL

Record-Keeping

n-Hexane recordkeeping by lab analyses once per discharge event. [LAC 33:IX.2355.J.2]

ALL

**Subject Item: RLP 1 Outfall 002 - Nitric Oxide washwater****Narrative****Phases**

Submit Monthly Discharge Monitoring Report (DMR): Due quarterly, by the 28th of January, April, July, and October. Prepare one DMR per month and submit all 3 reports quarterly. Shall be postmarked not later than 1) April 28 for monitoring in the months of January, February, and March 2) July 28th, for monitoring in the months of April, May, and June; 3) October 28th, for monitoring in the months of July, August and September; and 4) January 28th, for monitoring in the months of October, November, and December. [LAC 33:IX.2355.L.4]

ALL

**Discharge Monitoring Report**

Prepare and submit DMRs for each outfall. Place an "X" in the No Discharge box located in the upper right corner of the DMR if there is a "No Discharge" event at any of the monitoring outfall(s) during the reporting period. Submit duplicate copies of DMRs (one set of originals and one set of copies) signed and certified as required by LAC 33:IX.2503.B, and all other reports (one set of originals) required by this permit, to the Department of Environmental Quality, Office of Environmental Compliance, Permit Compliance Unit, Post Office Box 4312, Baton Rouge, Louisiana 70821-4312, and the appropriate LDEQ regional office listed in the cover letter (one set of copies). [LAC 33:IX.2355.L.4]

ALL

Monitored at the point of discharge from the northwest perimeter ditch prior to mixing with other waters. [LAC 33:IX.2355.J.4]

ALL

There shall be no discharge of floating or settleable solids or visible foam in other than trace amounts, nor of free oil or other oily materials, nor of toxic materials in quantities such as to cause toxicity to aquatic organisms. [LAC 33:IX.1113.B]

ALL

**Subject Item: AI 40130**

<u>Narrative</u>	<u>Phases</u>
Report violations of daily maximum limitations for the pollutants listed in Other Conditions orally to the Office of Environmental Compliance within 24 hours from the time you became aware of the violation followed by a written report in five days, under the provisions of General Conditions Part D.6.e. (3) of this permit. [LAC 33:IX.2361.G]	ALL
Achieve compliance with the effluent limitations and monitoring requirements specified for discharges in accordance with the following schedule: Effective Date of the permit. [LAC 33:IX.2355]	ALL
If the flow measurement sample type indicated is specified as "estimate," flow measurements shall not be subject to the accuracy provisions established in this permit. The daily flow value may be estimated using best engineering judgement. [LAC 33:IX.2355]	ALL
Obtain prior approval from the Office of Environmental Services for any new proposed discharges at the site. [LAC 33:IX.2355]	ALL
If applicable, ensure that all storage tank installations with a capacity greater than 660 gallons for an individual container, or 1,320 gallons for two or more containers in aggregate within a common storage area, are constructed so that a secondary means of containment is provided for the entire contents of the largest tank plus sufficient freeboard to allow for precipitation. Diked areas should be sufficiently impervious to contain spills. [LAC 33:IX.2355.A]	ALL
Any runoff leaving developed areas of the facility, other than through the permitted outfall(s), exceeding 50 mg/l Carbon, total organic (Storet 00680), 15 mg/l Oil and grease (Storet 03582), or having a pH (Storet 00400) less than 6.0 SU or greater than 9.0 SU shall be a violation of this permit. Any discharge in excess of these limitations, which is attributable to offsite contamination shall not be considered a violation of this permit. [LAC 33:IX.2355.A]	ALL
Prepare, implement, and maintain a Storm Water Pollution Prevention Plan (SWP3) within six months after permit effective date. The SWP3 shall apply to all stormwater discharges from the facility, either through permitted outfalls or through outfalls which are not listed in the permit or as sheetflow. [LAC 33:IX.2355.A]	ALL
Include the following conditions in the SWP3 for the facility: A) an annual inspection of the facility site to identify areas contributing to the storm water discharge from developed areas of the facility and evaluate whether measures to reduce pollutant loadings identified in the SWP3 are adequate and have been properly implemented in accordance with the terms of the permit or whether additional control measures are needed; B) a prediction of the direction, rate of flow, and total quantity of pollutants which could be discharged from the facility as a result of potential equipment failure (e.g. tank overflow or leakage), natural conditions (e.g. precipitation), or other circumstances which result in significant amounts of pollutants reaching surface waters; and C) an annual report of the inspection of the facility site which should contain, at a minimum, the date and time of inspection, the name of the inspector(s), conditions found, identification of any incidents of noncompliance, and changes to be made to the SWP3; and D) develop a site map which includes all areas where stormwater may contact potential pollutants or substances which can cause pollution. Any location where reportable quantity leaks or spills have previously occurred are to be documented in the SWP3. The SWP3 shall contain a description of the potential pollutant sources, including, the type and quantity of material present and what action has been taken to assure stormwater precipitation will not directly contact the substances and result in contaminated runoff. [LAC 33:IX.2355.A]	ALL
Utilize all reasonable methods to minimize any adverse impact on the drainage system including but not limited to: A) maintaining adequate roads and driveway surfaces; B) removing debris and accumulated solids from the drainage system; and C) cleaning up immediately any spill by sweeping, absorbent pads, or other appropriate methods. [LAC 33:IX.2355.A]	ALL
Clean up and dispose of all spilled product and other spilled wastes immediately according to all applicable regulations, Spill Prevention and Control (SPC) plans or Spill Prevention Control and Countermeasures (SPCC) plans. [LAC 33:IX.2355.A]	ALL
Use of detergents, emulsifiers, or dispersants to clean up spilled product is prohibited except where necessary to comply with state or federal safety regulations (i.e., requirement for non-slippery work surface). In all such cases, perform initial cleanup by physical removal and minimize chemical usage. [LAC 33:IX.2355.A]	ALL
Maintain all equipment, parts, dumpsters, trash bins, petroleum products, chemical solvents, detergents, or other material exposed to storm water in a manner which prevents contamination of storm water by pollutants. [LAC 33:IX.2355.A]	ALL
Recycle or contain for proper disposal all waste fuel, lubricants, coolants, solvents, or other fluids used in the repair or maintenance of vehicles or equipment. Clean up spills of these materials by dry means whenever possible. [LAC 33:IX.2355.A]	ALL
Maintain all diked areas surrounding storage tanks or storm water collection basins free of residual oil or other contaminants so as to prevent the accidental discharge of these materials in the event of flooding, dike failure, or improper draining of the diked area. [LAC 33:IX.2355.A]	ALL
Equip all drains from diked areas with valves kept in the closed condition except during periods of supervised discharge. [LAC 33:IX.2355.A]	ALL
Inspect and maintain all check valves, tanks, drains, or other potential sources of pollutant releases on a regular basis to assure their proper operation and to prevent the discharge of pollutants. [LAC 33:IX.2355.A]	ALL
Assure compliance with all applicable regulations promulgated under the Louisiana Solid Waste and Resource Recovery Law and the Hazardous Waste Management Law (La. R.S. 30:2151, etc.). Reference management practices required under above regulations in the SWP3. [LAC 33:IX.2355.A]	ALL

---

**Subject Item: AI 40130**

**Narrative**

**Phases**

Amend the SWP3 whenever there is a change in the facility or change in the operation of the facility which materially increases the potential for the ancillary activities to result in a discharge of significant amounts of pollutants. [LAC 33:IX.2355.A]

ALL

If the SWP3 proves to be ineffective in achieving the general objectives of preventing the release of significant amounts of pollutants to water of the state, then the specific objectives and requirements of the SWP3 shall be subject to modification to incorporate revised SWP3 requirements. [LAC 33:IX.2355.A]

ALL

Other Conditions:

In addition to the standard conditions required in all permits and listed in STANDARD CONDITIONS FOR LPDES PERMITS, the Office has established the following additional conditions in accordance with the Louisiana Water Quality Regulations.

- A. The Department of Environmental Quality reserves the right to impose more stringent discharge limitations or additional restrictions, if necessary, to maintain the water quality integrity and the designated uses of the receiving water bodies.
- B. This permit does not in any way authorize the permittee to discharge a pollutant not listed or quantified in the application or limited or monitored for in the permit.
- C. Authorization to discharge pursuant to the conditions of this permit does not relieve the permittee of any liability for damages to state waters or private property. For discharges to private land, this permit does not relieve the permittee from obtaining proper approval from the landowner for appropriate easements and rights of way.
- D. For definitions of monitoring and sampling terminology see STANDARD CONDITIONS FOR LPDES PERMITS, Section F.
- E. EPA document 833-R-92-002 (Storm Water Management for Industrial Activities) may be used as a guidance and may be obtained by writing to the U.S. Environmental Protection Agency, Office of Water Resources (RC-4100), 401 M Street, S.W., Washington D.C. 20460 or by calling (202) 260-7786.
- F. 24-HOUR ORAL REPORTING: DAILY MAXIMUM LIMITATION VIOLATIONS

Pollutant(s):

1,2dichlorobenzene  
1, 2 dichloroethane  
Benzene  
Chlorobenzene  
Chloroform  
Copper  
Cyanide  
Diethyl Amine  
Methylene Chloride  
n-Amyl Acetate  
n-Butyl Acetate  
Phenol  
Toluene  
Triethylamine  
Xylenes



Other Conditions continued

G. MINIMUM QUANTIFICATION LEVEL (MQL)

If any individual analytical test result is less than the minimum quantification level listed below, a value of zero (0) may be used for that individual result for the Discharge Monitoring Report (DMR) calculations and reporting requirements.

<u>METALS AND CYANIDE</u>	<u>MQL (µg/L)</u>
Copper (Total)	10
Cyanide (Total)	10

<u>VOLATILE COMPOUNDS</u>	<u>MQL (µg/L)</u>
Benzene	10
Chlorobenzene	10
Chloroform	10
1, 2 dichloroethane	10
Methylene Chloride	20
Toluene	10

<u>ACID COMPOUNDS</u>	<u>MQL (µg/L)</u>
Phenol	10

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>MQL (µg/L)</u>
1, 2 dichlorobenzene	10

The permittee may develop an effluent specific method detection limit (MDL) in accordance with Appendix B to 40 CFR Part 136 (See LAC 33:IX.4901). For any pollutant for which the permittee determines an effluent specific MDL, the permittee shall send to this Office a report containing QA/QC documentation, analytical results, and calculations necessary to demonstrate that the effluent specific MDL was correctly calculated. An effluent specific minimum quantification level (MQL) shall be determined in accordance with the following calculation:

$$\text{MQL} = 3.3 \times \text{MDL}$$

Upon written approval by this Office, the effluent specific MQL may be utilized by the permittee for all future Discharge Monitoring Report (DMR) calculations and reporting requirements.

H. PERMIT REOPENER CLAUSE

In accordance with LAC 33:IX.2707.C.3, this permit may be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitations issued or approved under sections 301(b)(2)(c) and (D); 304(b)(2); and 307(a)(2) of the Clean Water Act, if the effluent standard or limitations so issued or approved:

1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or

Other Conditions continued

2. Controls any pollutant not limited in the permit; or
3. Require reassessment due to change in 303(d) status of waterbody; or
4. Incorporates the results of any total maximum daily load allocation, which may be approved for the receiving water body.

I. Definitions

---

SPC: ~~Spill Prevention and Control~~ Plan covering the release of pollutants as defined by the Louisiana Administrative Code (LAC 33:IX.9).

SPCC: Spill Prevention Control and Countermeasures Plan. Plan covering the release of hazardous substances as defined in 40 CFR Part 112.

Storm water Runoff: aqueous surface runoff including any soluble or suspended material mobilized by naturally occurring precipitation events.

Surface Water: all lakes, bays, rivers, streams, springs, ponds, impounding reservoirs, wetlands, swamps, marshes, water sources, drainage systems and other surface water, natural or artificial, public or private within the state or under its jurisdiction that are not part of a treatment system allowed by state law, regulation, or permit.

Uncontaminated Ambient Water: ambient water which is returned to the receiving water body without the addition of chemicals. Included are discharges of: (1) excess water which permit the continuous operation of fire control and utility lift pumps, and (2) excess water from pressure maintenance.

Visible Sheen: a silvery or metallic sheen, gloss, or increased reflectivity; visual color; or iridescence on the water surface.

Wastewater: liquid waste resulting from commercial, municipal, private, or industrial processes. This includes, but is not limited to, cooling and condensing waters, sanitary sewage, industrial waste, and uncontaminated Stormwater runoff.

Waters of the State: for the purposes of the Louisiana Pollutant Discharge Elimination system, all surface waters within the state of Louisiana and, on the coastline of Louisiana and the Gulf of Mexico, all surface waters extending there from three miles into the Gulf of Mexico. For purposes of the Louisiana Pollutant Discharge Elimination System, this includes all surface waters which are subject to the ebb and flow of the tide, lakes, rivers, streams, (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, natural ponds, impoundments of waters within the state of Louisiana otherwise defined as "waters of the United States" in 40 CFR 122.2, and tributaries of all such waters.

Other Conditions continued

“Waters of the state” does not include waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the Clean Water Act, 33 U.S.C. 1251 et seq.

Accreditation: means the formal recognition by the department of a laboratory’s competence wherein a specific test or types of tests can be accurately and successfully performed in compliance with all the minimum requirements set forth in the regulations regarding laboratory accreditation.

Commercial Laboratory: mean any laboratory that performs analyses for third parties for a fee or other compensation, except those commercial laboratories accredited by the Department of Health and Hospitals in accordance with R.S.49:1001 et seq.

---

J. 25-Year, 24-Hour Precipitation Event

The term “25-Year, 24-Hour precipitation event” means the maximum 24-hour precipitation event with the probable recurrence interval of once in twenty-five years as defined by the National Weather Service and Technical Paper No. 40, “Rainfall Frequency Atlas of the U.S.”, May, 1961, or equivalent regional or rainfall probability information developed there from.

## STANDARD CONDITIONS FOR LPDES PERMITS

SECTION A. GENERAL CONDITIONS1. Introduction

In accordance with the provisions of LAC 33:IX.2701, et seq., this permit incorporates either expressly or by reference ALL conditions and requirements applicable to Louisiana Pollutant Discharge Elimination System Permits (LPDES) set forth in the Louisiana Environmental Quality Act (LEQA), as amended, as well as ALL applicable regulations.

2. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act (CWA) and the Louisiana Environmental Quality Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

3. Penalties for Violation of Permit Conditions

a. LA. R. S. 30:2025 provides for civil penalties for violations of these regulations and the Louisiana Environmental Quality Act. LA. R. S. 30:2076.2 provides for criminal penalties for violation of any provisions of the LPDES or any order or any permit condition or limitation issued under or implementing any provisions of the LPDES program. (See Section E. Penalties for Violation of Permit Conditions for additional details).

b. Any person may be assessed an administrative penalty by the State Administrative Authority under LA. R. S. 30:2025 for violating a permit condition or limitation implementing any of the requirements of the LPDES program in a permit issued under the regulations or the Louisiana Environmental Quality Act.

4. Toxic Pollutants

a. Other effluent limitations and standards under Sections 301, 302, 303, 307, 318, and 405 of the Clean Water Act. If any applicable toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the Clean Water Act for a toxic pollutant and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, the state administrative authority shall institute proceedings under these regulations to modify or revoke and reissue the permit to conform to the toxic effluent standard or prohibition.

b. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants and with standards for sewage sludge use or disposal established under Section 405(d) of the Clean Water Act within the time provided in the regulations that establish these standards or prohibitions, or standards for sewage sludge use or disposal, even if the permit has not yet been modified to incorporate the requirement.

5. Duty to Reapply

a. Individual Permits. If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The new application shall be submitted at least 180 days before the expiration date of the existing permit, unless permission for a later date has been granted by the state administrative authority. (The state administrative authority shall not grant permission for applications to be submitted later than the expiration date of the existing permit.) Continuation of expiring permits shall be governed by regulations promulgated at LAC 33:IX.2321 and any subsequent amendments.

- b. General Permits. General permits expire five years after the effective date. The 180-day reapplication period as defined above is not applicable to general permit authorizations. Reissued general permits may provide automatic coverage for permittees authorized under the previous version of the permit, and no new application is required. Requirements for obtaining authorization under the reissued general permit will be outlined in Part I of the new permit. Permittees authorized to discharge under an expiring general permit should follow the requirements for obtaining coverage under the new general permit to maintain discharge authorization.

6. Permit Action

This permit may be modified, revoked and reissued, or terminated for cause in accordance with LAC 33:IX.2903, 2905, 2907, 3105 and 6509. The causes may include, but are not limited to, the following:

- a. ~~Noncompliance by the permittee with any condition of the permit;~~
- b. The permittee's failure in the application or during the permit issuance process to disclose fully all relevant facts, or the permittee's misrepresentation of any relevant facts at any time;
- c. A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination;
- d. A change in any condition that requires either a temporary or a permanent reduction or elimination of any discharge; or
- e. Failure to pay applicable fees under the provisions of LAC 33: IX. Chapter 13;
- f. Change of ownership or operational control;

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

7. Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information

The permittee shall furnish to the state administrative authority, within a reasonable time, any information which the state administrative authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The permittee shall also furnish to the state administrative authority, upon request, copies of records required to be kept by this permit.

9. Criminal and Civil Liability

Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance. Any false or materially misleading representation or concealment of information required to be reported by the provisions of the permit, the Act, or applicable regulations, which avoids or effectively defeats the regulatory purpose of the Permit may subject the Permittee to criminal enforcement pursuant to La. R.S. 30:2025.

10. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

11. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Clean Water Act.

**12. Severability**

If any provision of these rules and regulations, or the application thereof, is held to be invalid, the remaining provisions of these rules and regulations shall not be affected, so long as they can be given effect without the invalid provision. To this end, the provisions of these rules and regulations are declared to be severable.

**13. Dilution**

A permittee shall not achieve any effluent concentration by dilution unless specifically authorized in the permit. A permittee shall not increase the use of process water or cooling water or otherwise attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve permit limitations or water quality.

**SECTION B. PROPER OPERATION AND MAINTENANCE****1. Need to Halt or Reduce not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**2. Duty to Mitigate**

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. The permittee shall also take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

**3. Proper Operation and Maintenance**

- a. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.
- b. The permittee shall provide an adequate operating staff which is duly qualified to carry out operation, maintenance and other functions necessary to ensure compliance with the conditions of this permit.

**4. Bypass of Treatment Facilities**

- a. **Bypass**. The intentional diversion of waste streams from any portion of a treatment facility.
- b. **Bypass not exceeding limitations**. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Section B.4.c. and 4.d of these standard conditions.
- c. **Notice**
  - (1) **Anticipated bypass**. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Office of Environmental Services, Water and Waste Permits Division, if possible at least ten days before the date of the bypass.
  - (2) **Unanticipated bypass**. The permittee shall submit notice of an unanticipated bypass as required in LAC 33:IX.2701.L.6, (24-hour notice) and Section D.6.e. of these standard conditions.

d. Prohibition of bypass

- (1) Bypass is prohibited, and the state administrative authority may take enforcement action against a permittee for bypass, unless:

- (a) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
- (b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and,
- (c) The permittee submitted notices as required by Section B.4.c of these standard conditions.
- (2) The state administrative authority may approve an anticipated bypass after considering its adverse effects, if the state administrative authority determines that it will meet the three conditions listed in Section B.4.d(1) of these standard conditions.

5. Upset Conditions

- a. Upset. An exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Section B.5.c. are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
- (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
- (2) The permitted facility was at the time being properly operated; and
- (3) The permittee submitted notice of the upset as required by LAC 33:IX.2701.L.6.b.ii. and Section D.6.e.(2) of these standard conditions; and
- (4) The permittee complied with any remedial measures required by Section B.2 of these standard conditions.
- d. Burden of proof. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

6. Removed Substances

Solids, sewage sludges, filter backwash, or other pollutants removed in the course of treatment or wastewater control shall be properly disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the state and in accordance with environmental regulations.

### 7. Percent Removal

For publicly owned treatment works, the 30-day average percent removal for Biochemical Oxygen Demand and Total Suspended Solids shall not be less than 85 percent in accordance with LAC 33:IX.5905.A.3. and B.3.

## SECTION C. MONITORING AND RECORDS

### 1. Inspection and Entry

The permittee shall allow the state administrative authority or an authorized representative (including an authorized contractor acting as a representative of the Administrator), upon the presentation of credentials and other documents as may be required by the law to:

- a. ~~Enter upon the permittee's premises where a regulated facility or activity is located or conducted; or where records must be kept under the conditions of this permit.~~

Enter upon the permittee's premises where a discharge source is or might be located or in which monitoring equipment or records required by a permit are kept for inspection or sampling purposes. Most inspections will be unannounced and should be allowed to begin immediately, but in no case shall begin more than thirty (30) minutes after the time the inspector presents his/her credentials and announces the purpose(s) of the inspection. Delay in excess of thirty (30) minutes shall constitute a violation of this permit. However, additional time can be granted if the inspector or the Administrative Authority determines that the circumstances warrant such action; and

- b. Have access to and copy, at reasonable times, any records that the department or its authorized representative determines are necessary for the enforcement of this permit. For records maintained in either a central or private office that is open only during normal office hours and is closed at the time of inspection, the records shall be made available as soon as the office is open, but in no case later than the close of business the next working day;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Louisiana Environmental Quality Act, any substances or parameters at any location.

- e. Sample Collection

- (1) When the inspector announces that samples will be collected, the permittee will be given an additional thirty (30) minutes to prepare containers in order to collect duplicates. If the permittee cannot obtain and prepare sample containers within this time, he is considered to have waived his right to collect duplicate samples and the sampling will proceed immediately. Further delay on the part of the permittee in allowing initiation of the sampling will constitute a violation of this permit.

- (2) At the discretion of the administrative authority, sample collection shall proceed immediately (without the additional 30 minutes described in Section C.1.a. above) and the inspector shall supply the permittee with a duplicate sample.

- f. It shall be the responsibility of the permittee to ensure that a facility representative familiar with provisions of its wastewater discharge permit, including any other conditions or limitations, be available either by phone or in person at the facility during all hours of operation. The absence of such personnel on-site who are familiar with the permit shall not be grounds for delaying the initiation of an inspection except in situations as described in Section C.1.b. of these standard conditions. The permittee shall be responsible for providing witnesses/escorts during inspections. Inspectors shall abide by all company safety rules and shall be equipped with standard safety equipment (hard hat, safety shoes, safety glasses) normally required by industrial facilities.



- g. Upon written request copies of field notes, drawings, etc., taken by department personnel during an inspection shall be provided to the permittee after the final inspection report has been completed.

2. Representative Sampling

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples shall be taken at the outfall location(s) indicated in the permit. The state administrative authority shall be notified prior to any changes in the outfall location(s). Any changes in the outfall location(s) may be subject to modification, revocation and reissuance in accordance with LAC 33:IX.2903.

3. Retention of Records

Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR 503), the permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by request of the state administrative authority at any time.

4. Record Contents

Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;
- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. The time(s) analyses were begun and ended
- e. The individual(s) who performed the analyses;
- f. The analytical techniques or methods used;
- g. The results of such analyses; and
- h. The results of all quality control procedures.

5. Monitoring Procedures

- a. Monitoring results must be conducted according to test procedures approved under 40 CFR Part 136 (See LAC 33:IX.4901) or, in the case of sludge use or disposal, approved under 40 CFR Part 136 (See LAC 33:IX.4901) unless otherwise specified in 40 CFR Part 503, unless other test procedures have been specified in this permit. This includes procedures contained in the latest EPA approved edition of the following publications:

- (1) "Standard Methods for the Examination of Water and Waste Water". This publication is available from the American Public Health Association, Publication Sales, P. O. Box 753, Waldorf, MD 20604-0573, Phone number (301) 893-1894, Fax number (301) 843-0159.
- (2) "Annual Book of Standards, Vols 1101-1103, Water I, Water II, and Atmospheric Analysis". This publication is available from the American Society for Testing Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959, Phone number (610) 832-9500.
- (3) "Methods for Chemical Analysis of Water and Wastes, Revised, March 1983," U.S. Environmental Protection Agency, Analytical Quality Control Laboratory, Cincinnati, Ohio. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-84-128677.

- b. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instruments at intervals frequent enough to insure accuracy of measurements and shall maintain appropriate records of such activities.

- c. An adequate analytical quality control program, including the analyses of sufficient standards, spikes, and duplicate samples to insure the accuracy of all required analytical results shall be maintained by the permittee or designated commercial laboratory. General sampling protocol shall follow guidelines established in the "Handbook for Sampling and Sample Preservation of Water and Wastewater, 1982" U.S. Environmental Protection Agency. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-83-124503. General laboratory procedures including glassware cleaning, etc. can be found in the "Handbook for Analytical Quality Control in Water and Wastewater Laboratories, 1979," U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory. This publication is available from the Environmental Protection Agency, Phone number (513) 569-7562. Order by EPA publication number EPA-600/4-79-019.

6. Flow Measurements

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated, and maintained to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 10% from true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:

- a. "A Guide to Methods and Standards for the Measurement of Water Flow, 1975," U.S. Department of Commerce, National Bureau of Standards. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number COM-75-10683.
- b. "Flow Measurement in Open Channels and Closed Conduits, Volumes 1 and 2," U.S. Department of Commerce, National Bureau of Standards. This publication is available from the National Technical Service (NTIS), Springfield, VA, 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-273 535.
- c. "NPDES Compliance Flow Measurement Manual," U.S. Environmental Protection Agency, Office of Water Enforcement. This publication is available from the National Technical Information Service (NTIS), Springfield, VA 22161, Phone number (800) 553-6847. Order by NTIS publication number PB-82-131178.

7. Prohibition for Tampering: Penalties

- a. LA R.S. 30:2025 provides for punishment of any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit.
- b. LA R.S. 30:2076.2 provides for penalties for any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non compliance.

8. Additional Monitoring by the Permittee

If the Permittee monitors any pollutant more frequently than required by the permit using test procedures approved under 40 CFR Part 136 (See LAC 33:IX.4901) or, in the case of sludge use and disposal, approved under 40 CFR Part 136 (See LAC 33:IX.4901) unless otherwise specified in 40 CFR Part 503, or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or sludge reporting form specified by the state administrative authority.

9. Averaging of Measurements

Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the state administrative authority in the permit.

#### 10. Laboratory Accreditation

- a. LAC 33:1.Subpart 3, Chapters 45-59 provide requirements for an accreditation program specifically applicable to commercial laboratories, wherever located, that provide chemical analyses, analytical results, or other test data to the department, by contract or by agreement, and the data is:

- (1) Submitted on behalf of any facility, as defined in R.S.30:2004;
- (2) Required as part of any permit application;
- (3) Required by order of the department;
- (4) Required to be included on any monitoring reports submitted to the department;
- (5) Required to be submitted by contractor
- (6) Otherwise required by department regulations.

- b. The department laboratory accreditation program is designed to ensure the accuracy, precision, and reliability of the data generated, as well as the use of department-approved methodologies in generation of that data. Laboratory data generated by commercial environmental laboratories that are not accredited under these regulations will not be accepted by the department. Retesting of analysis will be required by an accredited commercial laboratory.

Where retesting of effluent is not possible (i.e. data reported on DMRs for prior month's sampling), the data generated will be considered invalid and in violation of the LPDES permit.

- c. Regulations on the Environmental Laboratory Accreditation Program and a list of labs that have applied for accreditation are available on the department website located at:

**<http://www.deq.state.la.us/laboratory/index.htm>**.

Questions concerning the program may be directed to (225) 765-0582.

#### SECTION D. REPORTING REQUIREMENTS

##### 1. Facility Changes

The permittee shall give notice to the state administrative authority as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b); or
- b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under LAC 33:IX.2703.A.1.
- c. For Municipal Permits. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Section 301, or 306 of the CWA if it were directly discharging those pollutants; and any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit. In no case are any new connections, increased flows, or significant changes in influent quality permitted that will cause violation of the effluent limitations specified herein.

##### 2. Anticipated Noncompliance

The permittee shall give advance notice to the state administrative authority of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

### 3. Transfers

This permit is not transferable to any person except after notice to the state administrative authority. The state administrative authority may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act or the Louisiana Environmental Quality Act. (See LAC 33:IX.2901; in some cases, modification or revocation and reissuance is mandatory.)

A permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued (under LAC 33:IX.2903, A.2.b), or a minor modification made (under LAC 33:IX.2905) to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act and the Louisiana Environmental Quality Act.

### 4. Monitoring Reports

Monitoring results shall be reported at the intervals and in the form specified in narrative portion of the Facility Specific Requirements document or Other Conditions of this permit.

The permittee shall submit properly completed Discharge Monitoring Reports (DMRs) on the form specified in the permit. Preprinted DMRs are provided to majors/92-500's and other designated facilities. Please contact the Permit Compliance Unit concerning preprints. Self-generated DMRs must be pre-approved by the Permit Compliance Unit prior to submittal. Self-generated DMRs are approved on an individual basis. Requests for approval of self-generated DMRs should be submitted to:

Supervisor, Permit Compliance Unit  
Office of Environmental Compliance  
Post Office Box 4312  
Baton Rouge, LA 70821-4312

Copies of blank DMR templates, plus instructions for completing them, and EPA's LPDES Reporting Handbook are available at the department website located at:

<http://www.deq.louisiana.gov/portal/Default.aspx?tabid=2276>

### 5. Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.

### 6. Requirements for Notification

#### a. Emergency Notification

As required by LAC 33:I.3915, in the event of an unauthorized discharge that does cause an emergency condition, the discharger shall notify the hotline (DPS 24-hour Louisiana Emergency Hazardous Materials Hotline) by telephone at (225) 925-6595 (collect calls accepted 24 hours a day) immediately (a reasonable period of time after taking prompt measures to determine the nature, quantity, and potential off-site impact of a release, considering the exigency of the circumstances), but in no case later than one hour after learning of the discharge. (An emergency condition is any condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water, or air environment, or cause severe damage to property.) Notification required by this section will be made regardless of the amount of discharge. Prompt Notification Procedures are listed in Section D.6.c. of these standard conditions.

A written report shall be provided within seven calendar days after the notification. The report shall contain the information listed in Section D.6.d. of these standard conditions and any additional information in LAC 33:I.3925.B.

b. Prompt Notification

As required by LAC 33:I.3917, in the event of an unauthorized discharge that exceeds a reportable quantity specified in LAC 33:I.Subchapter E, but does not cause an emergency condition, the discharger shall promptly notify the department within 24 hours after learning of the discharge. Notification should be made to the Office of Environmental Compliance, Surveillance Division Single Point of Contact (SPOC) in accordance with LAC 33:I.3923.

In accordance with LAC 33:I.3923, prompt notification shall be provided within a time frame not to exceed 24 hours and shall be given to the Office of Environmental Compliance, Surveillance Division Single Point of Contact (SPOC) as follows:

- (1) by the Online Incident Reporting screens found at <http://www3.deq.louisiana.gov/surveillance/irf/forms/>; or
- (2) by e-mail utilizing the Incident Report Form and instructions found at <http://www.deq.louisiana.gov/portal/Default.aspx?tabid=279>; or
- (3) by telephone at (225) 219-3640 during office hours, or (225) 342-1234 after hours and on weekends and holidays.

c. Content of Prompt Notifications. The following guidelines will be utilized as appropriate, based on the conditions and circumstances surrounding any unauthorized discharge, to provide relevant information regarding the nature of the discharge:

- (1) the name of the person making the notification and the telephone number where any return calls from response agencies can be placed;
- (2) the name and location of the facility or site where the unauthorized discharge is imminent or has occurred, using common landmarks. In the event of an incident involving transport, include the name and address of the transporter and generator;
- (3) the date and time the incident began and ended, or the estimated time of continuation if the discharge is continuing;
- (4) the extent of any injuries and identification of any known personnel hazards that response agencies may face;
- (5) the common or scientific chemical name, the U.S. Department of Transportation hazard classification, and the best estimate of amounts of any and all discharged pollutants;
- (6) a brief description of the incident sufficient to allow response agencies to formulate their level and extent of response activity.

d. Written Notification Procedures. Written reports for any unauthorized discharge that requires notification under Section D.6.a. or 6.b., or shall be submitted by the discharger to the Office of Environmental Compliance, Surveillance Division SPOC in accordance with LAC 33:IX.3925 within seven calendar days after the notification required by D.6.a. or 6.b., unless otherwise provided for in a valid permit or other department regulation. Written notification reports shall include, but not be limited to, the following information:

- (1) the name, address, telephone number, Agency Interest (AI) number (number assigned by the department) if applicable, and any other applicable identification numbers of the person, company, or other party who is filing the written report, and specific identification that the report is the written follow-up report required by this section;
- (2) the time and date of prompt notification, the state official contacted when reporting, the name of person making that notification, and identification of the site or facility, vessel, transport vehicle, or storage area from which the unauthorized discharge occurred;

- (3) date(s), time(s), and duration of the unauthorized discharge and, if not corrected, the anticipated time it is expected to continue;
- (4) details of the circumstances (unauthorized discharge description and root cause) and events leading to any unauthorized discharge, including incidents of loss of sources of radiation, and if the release point is subject to a permit:
  - (a) the current permitted limit for the pollutant(s) released; and
  - (b) the permitted release point/outfall ID.
- (5) the common or scientific chemical name of each specific pollutant that was released as the result of an unauthorized discharge, including the CAS number and U.S. Department of Transportation hazard classification, and the best estimate of amounts of any and all released pollutants (total amount of each compound expressed in pounds, including calculations);
- (6) a statement of the actual or probable fate or disposition of the pollutant or source of radiation and what off-site impact resulted;
- (7) remedial actions taken, or to be taken, to stop unauthorized discharges or to recover pollutants or sources of radiation.
- (8) Written notification reports shall be submitted to the Office of Environmental Compliance, Surveillance Division SPOC by mail or fax. The transmittal envelope and report or fax cover page and report should be clearly marked **"UNAUTHORIZED DISCHARGE NOTIFICATION REPORT."**

Please see LAC 33:IX.3925.B for additional written notification procedures.

- e. Twenty-four Hour Reporting. The permittee shall report any noncompliance which may endanger human health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and; steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:

- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit (see LAC 33:IX.2701.M.3.b.);
- (2) Any upset which exceeds any effluent limitation in the permit;
- (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the state administrative authority in Other Conditions of the permit to be reported within 24 hours (LAC 33:IX.2707.G.).

7. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under Section D.4., 5., and 6., at the time monitoring reports are submitted. The reports shall contain the information listed in Section D.6.e.

8. Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the state administrative authority, it shall promptly submit such facts or information.

#### 9. Discharges of Toxic Substances

In addition to the reporting requirements under Section D.1-8, all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Office of Environmental Services, Water and Waste Permits Division as soon as they know or have reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant:
  - i. listed at LAC 33:IX.7107, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
    - (1) One hundred micrograms per liter (100 µg/L);
    - (2) Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4 -dinitro-phenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
    - (3) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with LAC33:IX.2501.G.7; or
    - (4) The level established by the state administrative authority in accordance with LAC 33:IX.2707.F; or
  - ii. which exceeds the reportable quantity levels for pollutants at LAC 33:I. Subchapter E.
- b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant:
  - i. listed at LAC 33:IX.7107, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
    - (1) Five hundred micrograms per liter (500 µg/L);
    - (2) One milligram per liter (1 mg/L) for antimony;
    - (3) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with LAC 33:IX.2501.G.7; or
    - (4) The level established by the state administrative authority in accordance with LAC 33:IX.2707.F; or
  - ii. which exceeds the reportable quantity levels for pollutants at LAC 33:I. Subchapter E.

#### 10. Signatory Requirements

All applications, reports, or information submitted to the state administrative authority shall be signed and certified.

- a. All permit applications shall be signed as follows:

- (1) For a corporation - by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means:
  - (a) A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation; or,
  - (b) The manager of one or more manufacturing, production, or operating facilities, provided: the manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations and initiating and directing other comprehensive measures to ensure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and

accurate information for permit application requirements; and the authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

**NOTE:** DEQ does not require specific assignments or delegations of authority to responsible corporate officers identified in Section D.10.a.(1)(a). The agency will presume that these responsible corporate officers have the requisite authority to sign permit applications unless the corporation has notified the state administrative authority to the contrary. Corporate procedures governing authority to sign permit applications may provide for assignment or delegation to applicable corporate positions under Section D.10.a.(1)(b) rather than to specific individuals.

- (2) For a partnership or sole proprietorship - by a general partner or the proprietor, respectively; or
- (3) For a municipality, state, federal, or other public agency - by either a principal executive officer or ranking-elected-official. For purposes of this section, a principal executive officer of a federal agency includes:
  - (a) The chief executive officer of the agency, or
  - (b) A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrators of EPA).
- b. All reports required by permits and other information requested by the state administrative authority shall be signed by a person described in Section D.10.a., or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - (1) The authorization is made in writing by a person described in Section D.10.a. of these standard conditions;
  - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company, (a duly authorized representative may thus be either a named individual or an individual occupying a named position; and,
  - (3) The written authorization is submitted to the state administrative authority.
- c. Changes to authorization. If an authorization under Section D.10.b. is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of Section D.10.b. must be submitted to the state administrative authority prior to or together with any reports, information, or applications to be signed by an authorized representative.
- d. Certification. Any person signing a document under Section D.10. a. or b. above, shall make the following certification:
 

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

#### 11. Availability of Reports

All recorded information (completed permit application forms, fact sheets, draft permits, or any public document) not classified as confidential information under R.S. 30:2030(A) and 30:2074(D) and designated as such in accordance with these regulations (LAC 33:IX.2323 and LAC 33:IX.6503) shall be made available to the public for inspection and copying during normal working hours in accordance with the Public Records Act, R.S. 44:1 et seq.



Claims of confidentiality for the following will be denied:

- a. The name and address of any permit applicant or permittee;
- b. Permit applications, permits, and effluent data.
- c. Information required by LPDES application forms provided by the state administrative authority under LAC 33:IX.2501 may not be claimed confidential. This includes information submitted on the forms themselves and any attachments used to supply information required by the forms.

#### SECTION E. PENALTIES FOR VIOLATIONS OF PERMIT CONDITION

##### 1. Criminal

###### a. Negligent Violations

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who negligently violates any provision of the LPDES, or any order issued by the secretary under the LPDES, or any permit condition or limitation implementing any such provision in a permit issued under the LPDES by the secretary, or any requirement imposed in a pretreatment program approved under the LPDES is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both. If a conviction of a person is for a violation committed after a first conviction of such person, he shall be subject to a fine of not more than \$50,000 per day of violation, or imprisonment of not more than two years, or both.

###### b. Knowing Violations

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who knowingly violates any provision of the LPDES, or any permit condition or limitation implementing any such provisions in a permit issued under the LPDES, or any requirement imposed in a pretreatment program approved under the LPDES is subject to a fine of not less than \$5,000 nor more than \$50,000 per day of violation, or imprisonment for not more than 3 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person, he shall be subject to a fine of not more than \$100,000 per day of violation, or imprisonment of not more than six years, or both.

###### c. Knowing Endangerment

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who knowingly violates any provision of the LPDES, or any order issued by the secretary under the LPDES, or any permit condition or limitation implementing any of such provisions in a permit issued under the LPDES by the secretary, and who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall, upon conviction, be subject to a fine of not more than \$250,000, or by imprisonment for not more than 15 years, or both. A person which is an organization shall, upon conviction of violating this Paragraph, be subject to a fine of not more than one million dollars. If a conviction of a person is for a violation committed after a first conviction of such person under this Paragraph, the maximum punishment shall be doubled with respect to both fine and imprisonment.

###### d. False Statements

The Louisiana Revised Statutes LA. R. S. 30:2076.2 provides that any person who knowingly makes any false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under the LPDES or who knowingly falsifies, tampers with, or renders inaccurate, any monitoring device or method required to be maintained under the LPDES, shall, upon conviction, be subject to a fine of not more than \$10,000, or imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after a first conviction of such person under this Subsection, he shall be subject to a fine of not more than \$20,000 per day of violation, or imprisonment of not more than 4 years, or both.

## 2. Civil Penalties

The Louisiana Revised Statutes LA. R. S. 30:2025 provides that any person found to be in violation of any requirement of this Subtitle may be liable for a civil penalty, to be assessed by the secretary, an assistant secretary, or the court, of not more than the cost to the state of any response action made necessary by such violation which is not voluntarily paid by the violator, and a penalty of not more than \$32,500 for each day of violation. However, when any such violation is done intentionally, willfully, or knowingly, or results in a discharge or disposal which causes irreparable or severe damage to the environment or if the substance discharged is one which endangers human life or health, such person may be liable for an additional penalty of not more than one million dollars.

(PLEASE NOTE: These penalties are listed in their entirety in Subtitle II of Title 30 of the Louisiana Revised Statutes.)

## SECTION F. DEFINITIONS

All definitions contained in Section 502 of the Clean Water Act shall apply to this permit and are incorporated herein by reference. Additional definitions of words or phrases used in this permit are as follows:

1. Clean Water Act (CWA) means the Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or the Federal Water Pollution Control Act Amendments of 1972) Pub.L.92-500, as amended by Pub.L. 95-217, Pub.L. 95-576, Pub.L. 96-483 and Pub.L. 97-117, 33 U.S.C. 1251 et. seq.).
2. Accreditation means the formal recognition by the department of a laboratory's competence wherein specific tests or types of tests can be accurately and successfully performed in compliance with all minimum requirements set forth in the regulations regarding laboratory accreditation.
3. Administrator means the Administrator of the U.S. Environmental Protection Agency, or an authorized representative.
4. Applicable Standards and Limitations means all state, interstate and federal standards and limitations to which a discharge is subject under the Clean Water Act, including, effluent limitations, water quality standards of performance, toxic effluent standards or prohibitions, best management practices, and pretreatment standards under Sections 301, 302, 303, 304, 306, 307, 308 and 403.
5. Applicable water quality standards means all water quality standards to which a discharge is subject under the Clean Water Act.
6. Commercial Laboratory means any laboratory, wherever located, that performs analyses or tests for third parties for a fee or other compensation and provides chemical analyses, analytical results, or other test data to the department. The term commercial laboratory does not include laboratories accredited by the Louisiana Department of Health and Hospitals in accordance with R.S.49:1001 et seq.
7. Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day. Daily discharge determination of concentration made using a composite sample shall be the concentration of the composite sample.
8. Daily Maximum discharge limitation means the highest allowable "daily discharge".
9. Director means the U.S. Environmental Protection Agency Regional Administrator, or the state administrative authority, or an authorized representative.

10. Domestic septage means either liquid or solid material removed from a septic tank, cesspool, portable toilet, Type III marine sanitation device, or similar treatment works that receives only domestic sewage. Domestic septage does not include liquid or solid material removed from a septic tank, cesspool, or similar treatment works that receives either commercial wastewater or industrial wastewater and does not include grease removed from grease trap at a restaurant.
11. Domestic sewage means waste and wastewater from humans, or household operations that is discharged to or otherwise enters a treatment works.
12. Environmental Protection Agency or (EPA) means the U.S. Environmental Protection Agency.
13. Grab sample means an individual sample collected over a period of time not exceeding 15 minutes, unless more time is needed to collect an adequate sample, and is representative of the discharge.
14. Industrial user means a nondomestic discharger, as identified in 40 CFR 403, introducing pollutants to a publicly owned treatment works.
15. LEQA means the Louisiana Environmental Quality Act.
16. Louisiana Pollutant Discharge Elimination System (LPDES) means those portions of the Louisiana Environmental Quality Act and the Louisiana Water Control Law and all regulations promulgated under their authority which are deemed equivalent to the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act in accordance with Section 402 of the Clean Water Act and all applicable federal regulations.
17. Monthly Average (also known as Daily Average), other than for fecal coliform bacteria, discharge limitations are calculated as the sum of all "daily discharge(s)" measured during a calendar month divided by the number of "daily discharge(s)" measured during that month. When the permit establishes monthly average concentration effluent limitations or conditions, and flow is measured as continuous record or with a totalizer, the monthly average concentration means the arithmetic average (weighted by flow) of all "daily discharge(s)" of concentration determined during the calendar month where C = daily discharge concentration, F = daily flow and n = number of daily samples; monthly average discharge =

$$\frac{C_1F_1 + C_2F_2 + \dots + C_nF_n}{F_1 + F_2 + \dots + F_n}$$

When the permit establishes monthly average concentration effluent limitations or conditions, and the flow is not measured as a continuous record, then the monthly average concentration means the arithmetic average of all "daily discharge(s)" of concentration determined during the calendar month.

The monthly average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar month.

18. National Pollutant Discharge Elimination System (NPDES) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 318, 402, and 405 of the Clean Water Act.
19. Severe property damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

20. Sewage sludge means a solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in a treatment works. Sewage sludge includes, but is not limited to, domestic septage; scum or solids removed in primary, secondary, or advanced wastewater treatment processes; portable toilet pumpings, type III marine sanitation device pumpings (33 CFR Part 159); and a material derived from sewage sludge. Sewage sludge does not include ash generated during the firing of sewage sludge in a sewage sludge incinerator or grit and screenings generated during preliminary treatment of domestic sewage in a treatment works.
21. Treatment works means any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage and industrial wastes of a liquid nature to implement Section 201 of the Clean Water Act, or necessary to recycle or reuse water at the most economical cost over the estimated life of the works, including intercepting sewers, sewage collection systems, pumping, power and other equipment, and their appurtenances, extension, improvement, remodeling, additions, and alterations thereof. (See Part 212 of the Clean Water Act)
22. For fecal coliform bacteria, a sample consists of one effluent grab portion collected during a 24-hour period at peak loads.
23. The term MGD shall mean million gallons per day.
24. The term mg/L shall mean milligrams per liter or parts per million (ppm).
25. The term µg/L shall mean micrograms per liter or parts per billion (ppb).
26. The term ng/L shall mean nanograms per liter or parts per trillion (ppt).
27. Weekly average, (also known as 7-day average), other than for fecal coliform bacteria, is the highest allowable arithmetic mean of the daily discharges over a calendar week, calculated as the sum of all "daily discharge(s)" measured during a calendar week divided by the number of "daily discharge(s)" measured during that week. When the permit establishes weekly average concentration effluent limitations or conditions, and flow is measured as continuous record or with a totalizer, the weekly average concentration means the arithmetic average (weighted by flow) of all "daily discharge(s)" of concentration determined during the calendar week where C = daily discharge concentration, F = daily flow and n = number of daily samples; weekly average discharge =

$$\frac{C_1F_1 + C_2F_2 + \dots + C_nF_n}{F_1 + F_2 + \dots + F_n}$$

When the permit establishes weekly average concentration effluent limitations or conditions, and the flow is not measured as a continuous record, then the weekly average concentration means the arithmetic average of all "daily discharge(s)" of concentration determined during the calendar week.

The weekly average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.

28. Sanitary Wastewater Term(s):
- a. 3-hour composite sample consists of three effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) over the 3-hour period and composited according to flow, or a sample continuously collected in proportion to flow over the 3-hour period.
  - b. 6-hour composite sample consists of six effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) over the 6-hour period and composited according to flow, or a sample continuously collected in proportion to flow over the 6-hour period.

- c. 12-hour composite sample consists of 12 effluent portions collected no closer together than one hour over the 12-hour period and composited according to flow, or a sample continuously collected in proportion to flow over the 12-hour period. The daily sampling intervals shall include the highest flow periods.
- d. 24-hour composite sample consists of a minimum of 12 effluent portions collected at equal time intervals over the 24-hour period and combined proportional to flow or a sample continuously collected in proportion to flow over the 24-hour period.

Title 33  
ENVIRONMENTAL QUALITY  
Part IX. Water Quality

Renumbering Equivalency Chart

Previous Number	Current or New Number
<b>Subpart 1. Water Pollution Control</b>	
	<b>Subpart 1. Water Pollution Control</b>
<b>Chapter 1. General Provisions</b>	<b>Chapter 1. General Provisions</b>
<b>Chapter 3. Permits</b>	<b>Chapter 3. Permits</b>
§301. Scope	§301. Scope
§303. Permit Application Information	§303. Permit Application Information
§305. Permit Limitations and Other Requirements	§305. Permit Limitations and Other Requirements
§307. Modification, Revocation and Reissuance	§307. Modification, Revocation and Reissuance
§309. Renewal and Termination	§309. Renewal and Termination
§311. Standard Permit Conditions	§311. Standard Permit Conditions
§313. Fact Sheets	§313. Fact Sheets
§315. Public Information	§315. Public Information
§317. Special Permits/Programs	§317. Special Permits/Programs
Appendix A. Primary Industry Categories	§319. Appendix A—Primary Industry Categories
Appendix B. Criteria for Determining a Concentrated Animal Feeding Operation	§321. Appendix B—Criteria for Determining a Concentrated Animal Feeding Operation
Appendix C. Criteria for Determining a Concentrated Aquatic Animal Production Facility	§323. Appendix C—Criteria for Determining a Concentrated Aquatic Animal Production Facility
Appendix D. Permit Application Testing Requirements	§325. Appendix D—Permit Application Testing Requirements
<b>Chapter 5. Enforcement</b>	<b>Chapter 5. Enforcement</b>
<b>Chapter 7. Effluent Standards</b>	<b>Chapter 7. Effluent Standards</b>
<b>Chapter 9. Spill Prevention and Control</b>	<b>Chapter 9. Spill Prevention and Control</b>
<b>Chapter 11. Surface Water Quality Standards</b>	<b>Chapter 11. Surface Water Quality Standards</b>
<b>Chapter 13. Louisiana Water Pollution Control Fee System Regulation</b>	<b>Chapter 13. Louisiana Water Pollution Control Fee System Regulation</b>
<b>Chapter 15. Water Quality Certification Procedures</b>	<b>Chapter 15. Water Quality Certification Procedures</b>
<b>Chapter 17. Disposal of Waste Oil, Oil Field Brine, and All Other Materials Resulting from the Drilling for, Production of, or Transportation of Oil, Gas or Sulfur (As amended January 27, 1953)</b>	<b>Chapter 17. Disposal of Waste Oil, Oil Field Brine, and All Other Materials Resulting from the Drilling for, Production of, or Transportation of Oil, Gas or Sulfur (As amended January 27, 1953)</b>
<b>Chapter 19. State of Louisiana Stream Control Commission</b>	<b>Chapter 19. State of Louisiana Stream Control Commission</b>
<b>Chapter 21. Municipal Facilities Revolving Loan Fund</b>	<b>Chapter 21. Municipal Facilities Revolving Loan Fund</b>
<b>Chapter 22. Drinking Water Revolving Loan Fund</b>	<b>Chapter 22. Drinking Water Revolving Loan Fund</b>
<b>Subpart 2. The Louisiana Pollutant Discharge Elimination System (LPDES) Program</b>	
<b>Chapter 23. The LPDES Program</b>	<b>Subpart 2. The Louisiana Pollutant Discharge Elimination System (LPDES) Program</b>
<b>Subchapter A. Definitions and General Program Requirements</b>	<b>Chapter 23. Definitions and General LPDES Program Requirements</b>
§2301. General Conditions	§2301. General Conditions
§2311. Purpose and Scope	§2311. Purpose and Scope
§2313. Definitions	§2313. Definitions

Previous Number	Current or New Number
<b>Subchapter E. General Program Requirements</b>	<b>Chapter 31. General LPDES Program Requirements</b>
§2403. Definitions	§3101. Definitions
§2405. Application for a Permit	§3103. Application for a Permit
§2407. Modification, Revocation and Reissuance, or Termination of Permits	§3105. Modification, Revocation and Reissuance, or Termination of Permits
§2409. Draft Permits	§3107. Draft Permits
§2411. Statement of Basis	§3109. Statement of Basis
§2413. Fact Sheet	§3111. Fact Sheet
§2415. Public Notice of Permit Actions and Public Comment Period	§3113. Public Notice of Permit Actions and Public Comment Period
§2417. Public Comments and Requests for Public Hearings	§3115. Public Comments and Requests for Public Hearings
§2419. Public Hearings	§3117. Public Hearings
§2421. Obligation to Raise Issues and Provide Information During the Public Comment Period	§3119. Obligation to Raise Issues and Provide Information During the Public Comment Period
§2423. Reopening of the Public Comment Period	§3121. Reopening of the Public Comment Period
§2425. Issuance and Effective Date of Permit	§3123. Issuance and Effective Date of Permit
§2427. Response to Comments	§3125. Response to Comments
<b>Subchapter F. Specific Decisionmaking Procedures Applicable to LPDES Permits</b>	<b>Chapter 33. Specific Decisionmaking Procedures Applicable to LPDES Permits</b>
§2441. Purpose and Scope	§3301. Purpose and Scope
§2443. Permits Required on a Case-by-Case Basis	§3303. Permits Required on a Case-by-Case Basis
§2445. Fact Sheets	§3305. Fact Sheets
§2447. Public Notice	§3307. Public Notice
§2449. Conditions Requested by the Corps of Engineers and Other Government Agencies	§3309. Conditions Requested by the Corps of Engineers and Other Government Agencies
§2451. Decision on Variances	§3311. Decision on Variances
§2453. Special Procedures for Decisions on Thermal Variances under Section 316(a) of the CWA	§3313. Special Procedures for Decisions on Thermal Variances under Section 316(a) of the CWA
<b>Subchapter G. Evidentiary Hearings for LPDES Permits—Reserved</b>	<b>Chapter 35. Evidentiary Hearings for LPDES Permits—Reserved</b>
<b>Subchapter H. Criteria and Standards for Technology-Based Treatment Requirements under Sections 301(b) and 402 of the Act</b>	<b>Chapter 37. Criteria and Standards for Technology-Based Treatment Requirements under Sections 301(b) and 402 of the Act</b>
§2465. Purpose and Scope	§3701. Purpose and Scope
§2467. Definitions	§3703. Definitions
§2469. Technology-Based Treatment Requirements in Permits	§3705. Technology-Based Treatment Requirements in Permits
<b>Subchapter I. Criteria for Issuance of Permits to Aquaculture Projects</b>	<b>Chapter 39. Criteria for Issuance of LPDES Permits to Aquaculture Projects</b>
§2475. Purpose and Scope	§3901. Purpose and Scope
§2477. Criteria	§3903. Criteria
<b>Subchapter J. Criteria for Extending Compliance Dates for Facilities Installing Innovative Technology under Section 301(k) of the Act—Reserved</b>	<b>Chapter 41. Criteria for Extending Compliance Dates for Facilities Installing Innovative Technology under Section 301(k) of the Act—Reserved</b>
<b>Subchapter K. Criteria and Standards for Determining Fundamentally Different Factors under Sections 301(b)(1)(A), 301(b)(2)(A) and (E) of the Act</b>	<b>Chapter 43. Criteria and Standards for Determining Fundamentally Different Factors under Sections 301(b)(1)(A), 301(b)(2)(A) and (E) of the Act</b>
§2501. Purpose and Scope	§4301. Purpose and Scope
§2503. Criteria	§4303. Criteria
§2505. Method of Application	§4305. Method of Application
<b>Subchapter L. Criteria for Determining Alternative Effluent Limitations under Section 316(a) of the Act</b>	<b>Chapter 45. Criteria for Determining Alternative Effluent Limitations under Section 316(a) of the Act</b>
§2511. Purpose and Scope	§4501. Purpose and Scope
§2513. Definitions	§4503. Definitions
§2515. Early Screening of Applications for Section 316(a) of the Act Variances	§4505. Early Screening of Applications for Section 316(a) of the Act Variances

Previous Number	Current or New Number
<b>Subchapter S: Secondary Treatment under the LPDES Program</b>	<b>Chapter 59: Secondary Treatment under the LPDES Program</b>
§2641. Purpose	§5901. Purpose
§2643. Definitions	§5903. Definitions
§2645. Secondary Treatment	§5905. Secondary Treatment
§2647. Special Considerations	§5907. Special Considerations
§2649. Sampling and Test Procedures	§5909. Sampling and Test Procedures
§2651. Treatment Equivalent to Secondary Treatment	§5911. Treatment Equivalent to Secondary Treatment
<b>Subchapter T: General Pretreatment Regulations for Existing and New Sources of Pollution</b>	<b>Chapter 61: General Pretreatment Regulations for Existing and New Sources of Pollution</b>
§2701. Purpose and Applicability	§6101. Purpose and Applicability
§2703. Objectives of General Pretreatment Regulations	§6103. Objectives of General Pretreatment Regulations
§2705. Definitions	§6105. Definitions
§2707. State or Local Law	§6107. State or Local Law
§2709. National Pretreatment Standards: Prohibited Discharges	§6109. National Pretreatment Standards: Prohibited Discharges
§2711. National Pretreatment Standards: Categorical Standards	§6111. National Pretreatment Standards: Categorical Standards
§2713. Removal Credits	§6113. Removal Credits
§2715. Pretreatment Program Requirements: Development and Implementation by POTW	§6115. Pretreatment Program Requirements: Development and Implementation by POTW
§2717. POTW Pretreatment Programs and/or Authorization to Revise Pretreatment Standards: Submission for Approval	§6117. POTW Pretreatment Programs and/or Authorization to Revise Pretreatment Standards: Submission for Approval
§2719. Development and Submission of NPDES State Pretreatment Programs	§6119. Development and Submission of NPDES State Pretreatment Programs
§2721. Approval Procedures for POTW Pretreatment Programs and POTW Granting of Removal Credits	§6121. Approval Procedures for POTW Pretreatment Programs and POTW Granting of Removal Credits
§2723. Reporting Requirements for POTWs and Industrial Users	§6123. Reporting Requirements for POTWs and Industrial Users
§2725. Variances from Categorical Pretreatment Standards for Fundamentally Different Factors	§6125. Variances from Categorical Pretreatment Standards for Fundamentally Different Factors
§2727. Confidentiality	§6127. Confidentiality
§2729. Net/Gross Calculation	§6129. Net/Gross Calculation
§2731. Upset Provision	§6131. Upset Provision
§2733. Bypass	§6133. Bypass
§2735. Modification of POTW Pretreatment Programs	§6135. Modification of POTW Pretreatment Programs
<b>Subchapter U: Ocean Discharge Criteria</b>	<b>Chapter 63: Ocean Discharge Criteria</b>
§2745. Scope and Purpose	§6301. Scope and Purpose
§2747. Definitions	§6303. Definitions
§2749. Determination of Unreasonable Degradation of the Marine Environment	§6305. Determination of Unreasonable Degradation of the Marine Environment
§2751. Permit Requirements	§6307. Permit Requirements
§2753. Information Required to be Submitted by Applicant	§6309. Information Required to be Submitted by Applicant
<b>Subchapter V: Additional Requirements Applicable to the LPDES Program</b>	<b>Chapter 65: Additional Requirements Applicable to the LPDES Program</b>
§2761. Applicability	§6501. Applicability
§2763. Request for Nondisclosure of Confidential Information	§6503. Request for Nondisclosure of Confidential Information
§2765. Additional LPDES Permit Application Requirements	§6505. Additional LPDES Permit Application Requirements
§2767. Enforcement Actions	§6507. Enforcement Actions



Previous Number	Current or New Number
Appendix L—Selected Industrial Subcategories Considered Dilute for Purposes of the Combined Wastestream Formula	§7123. Appendix L—Selected Industrial Subcategories Considered Dilute for Purposes of the Combined Wastestream Formula
Appendix M—Sampling Procedures	§7125. Appendix M—Sampling Procedures
Appendix N—Pollutants Eligible for a Removal Credit	§7127. Appendix N—Pollutants Eligible for a Removal Credit
Appendix O—LPDES Permit Testing Requirements for Publicly Owned Treatment Works (LAC 33:IX.2331.J)	§7129. Appendix O—LPDES Permit Testing Requirements for Publicly Owned Treatment Works (LAC 33:IX.2501.J)
Appendix P—Procedure to Determine the Annual Whole Sludge Application Rate for a Sewage Sludge	§7131. Appendix P—Procedure to Determine the Annual Whole Sludge Application Rate for a Sewage Sludge
Appendix Q—Pathogen Treatment Processes	§7133. Appendix Q—Pathogen Treatment Processes
Appendix R—Financial Assurance Documents	§7135. Appendix R—Financial Assurance Documents